

WE CLAIM

1. A method of degassing, pumping and diluting pulp, in which method pulp is transferred from a first, at least so-called medium consistency to a treatment in a second, lower consistency, characterized in that
 - a) gas is separated from the pulp in a consistency higher than said second consistency,
 - b) pulp is pumped to the treatment taking place in the second, lower consistency, and,
 - c) in the last step, pulp is diluted to said second consistency prior to the treatment in said consistency.
2. A method according to claim 1, characterized in that pulp is diluted from said first consistency to a consistency higher than the second consistency in step a).
3. A method according to claim 2, characterized in that pulp is diluted from the discharge consistency of the press to medium consistency.
4. A method according to claim 1, characterized in that said first consistency is the discharge consistency of a washing apparatus.
5. A method according to claim 1, characterized in that said consistency higher than the second consistency is medium consistency.
6. A method according to claim 1, characterized in that the treatment taking place in low consistency is screening (50).
7. A method according to claim 1, characterized in that in step c) the pulp is diluted to a consistency of about 1 - 3 %.
8. A method according to claim 1, characterized in that step a) is performed by means of a turbulence-forming rotor (32).

9. A method according to claim 1, **characterized** in that steps a) and b) are performed by means of a so-called MCTM pump.

5 10. A method according to claim 2, **characterized** in that said dilution is performed with the assistance of a bottom scraper (22).

11. A method according to claim 1, **characterized** in that the treatment taking place in low consistency is washing, pressing, dewatering or filtering (55).

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12. An apparatus for treating pulp, the apparatus comprising at least a first pulp treatment apparatus, from which the pulp is discharged in a first, at least so-called medium consistency, a second pulp treatment apparatus (50) the operation of which requires a second consistency lower than the discharge consistency of the
15 first pulp treatment apparatus, and a pump (26) for transferring pulp to the second pulp treatment apparatus (50), **characterized** in that both an apparatus for degassing the pulp at the first consistency and an apparatus (28) for diluting pulp to the consistency required by the second pulp treatment apparatus (50) is arranged between the pump (26) and the second pulp treatment apparatus (50).

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13. A pulp treating arrangement according to claim 12, **characterized** in that an apparatus (26; 32) for separating gas from pulp in higher consistency than the treatment consistency of the second pulp treatment apparatus (50) is arranged between the first pulp treatment apparatus (5) and a second pulp treatment
25 apparatus (50).

14. A pulp treating arrangement according to claim 12 and 13, **characterized** in that said pump (26) is a gas separating pump.

30 15. A pulp treating apparatus according to claim 13, **characterized** in that said gas separating apparatus is a turbulence-forming rotor (32) arranged in the drop leg (30) prior to the pump (26).